

RECEIVED 203 PEARL AVENUE
BALBOA ISLAND, CA 92862
SEP 9 7 1999

EV 459414405
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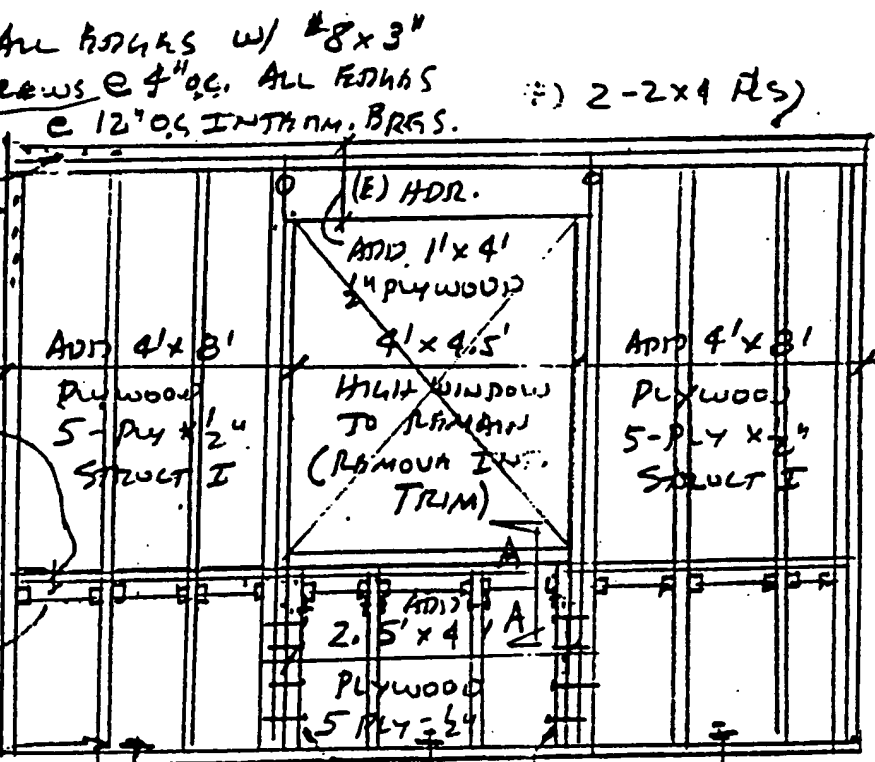
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JAMES R. CYEPHER

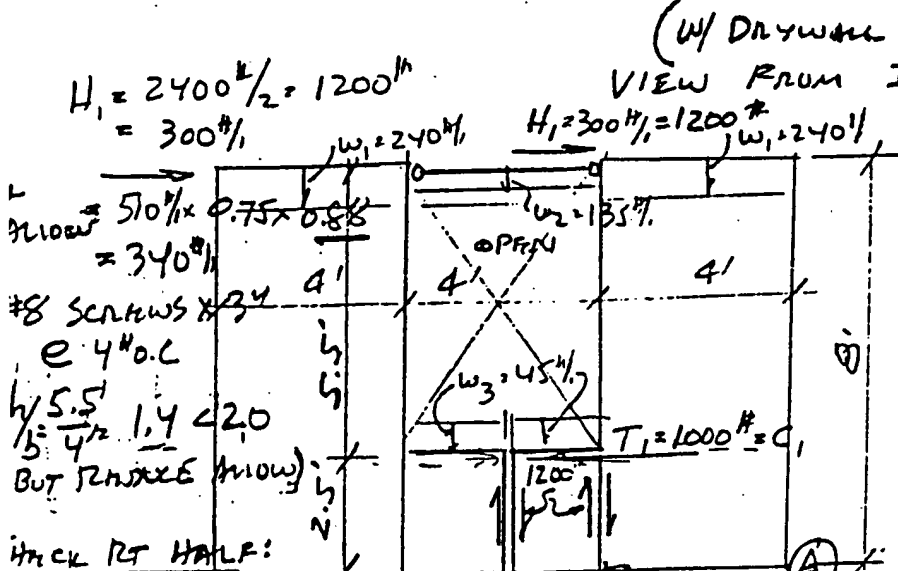
BY BLS DATE 7/30/94 SUBJECT ADAMSMAN BLINGS
SEISMIC STRENGTHENING

SHEET NO. 3 OF
JOB NO.

CHKD. BY DATE
CONT. 2x14 GA STRIP
(E) 2x6 SILL R
SCREW ALL EDGES W/ #8x3"
F.H. SCREWS @ 4" O.C. ALL EDGES
@ 12" O.C. INTERM. BRGS.
(E) 2-2x4 RS
E 3" O.C.
(E) STUCCO
TO REMAIN
(N) 3x4
BLOCKING (CONT.)
PLYWOOD
(E) 2x4
CRIPPLE
STUDS @ 16" O.C.
W/ #8x2" F.H.
CSK WOOD SCREWS
@ 3.2" O.C.
ADD CONT.
2x14 GA STRIP
METAL STRIP
W/ #8x2" F.H.
CSK WOOD SCREWS
@ 3.2" O.C.
A-A
SC: 3" = 1'-0" ADD 3x4 FLAT
CONT. BLOCKING W/
FB 34 (MODIFIED)
EA AND FA
BLOCK
REPLACE OUT WASHERS W/ RE WASHER TYPE



EXTENSION WALL ELEVATION SC: 3" = 1'-0"



(W/ DRYWALL REMOVED)
VIEW FROM INSIDE ROOM.
ADD 2 ROWS
OF #12x3"
R.H. WOOD
SCREWS W/
WASHERS @
6" O.C. EA ROW
STAGGERED.
8 TOTAL EA.
CRIPPLE STUD

CHECK COMPOSITE WALL:
 $M_A = 2400 \# \times 8' = 19,200 \#'$
 $M_{RESIST} = (240 \# \times 8' + 180 \# \times 4') \times 6' \times 0.75 = 11,900 \#'$
 $T_2 = \frac{19,200 - 11,900}{12'} = 600 \#$ O.K.
(RESISTED BY CROSS WALL DEAD LOAD)

THICK RT HALF:
 M_A
 $M_{TOT} = 1200 \# \times 8' = 9600 \#'$
 $M_{RESIST} = (240 \# \times 4' + 135 \# \times 2' + 45 \# \times 2' \times 5') \times 6.75 = 2800 \#'$
 $T = \frac{9600 \# - 2800 \#}{6'} = 1200 \#$ (RESISTED BY LEFT PANEL) $M_1 = \frac{1200 \#}{2.5'} = 480 \#'$
 $M_{ALLOW} = 660 \# \times 0.75 = 500 \#$ O.K. $h/b = 2.0/2.5 = 0.80 < 1.0$ O.K.
 $T = 1200 \# \times 2' / 2.5' = 1000 \#$ O.K. CONT. 2x14 GA STRIP W/ #12 SCREWS @ 3.2" O.C.
W/ #12 SCREWS @ 3.2" O.C.
W/ #12 SCREWS @ 3.2" O.C.